

# INTERNATIONAL SEARCH REPORT

Inter Application No  
PCT/GB2004/005351

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A45B23/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A45B E04H F16B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 586 525 A (GLATZ ET AL) 6 May 1986 (1986-05-06)	1-3
A	column 3, line 27 - line 44; claims; figures	4, 5, 14, 15
X	US 2003/127120 A1 (WOLCOTT STEVE) 10 July 2003 (2003-07-10)	1-3
X	paragraph '0030!; claims; figures	
X	US 5 611 364 A (WOODS ET AL) 18 March 1997 (1997-03-18)	1-3
A	column 5, line 16 - line 67; claims; figures	
A	GB 2 045 338 A (MCFARLANE D J) 29 October 1980 (1980-10-29)	6-13, 16
	page 1, line 44 - line 111; claims; figures	
	----- -/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*Z\* document member of the same patent family

Date of the actual completion of the international search

1 June 2005

Date of mailing of the international search report

24.06.2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 878 762 A (HUANG ET AL) 9 March 1999 (1999-03-09) column 1, line 62 - column 2, line 43; claims; figures	6-13,16
A	WO 03/069169 A (HOYLAND FOX LIMITED; VARDY, DANIEL; BLY, MICHAEL, HAROLD) 21 August 2003 (2003-08-21) abstract; claims; figures	6-13,16

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## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-5,14,15

directed to an umbrella head designed to be supported on a pole.  
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2. claims: 6-13,16

directed to a clamp for holding two elongate members.  
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# INTERNATIONAL SEARCH REPORT

Information on patent family members

Inten

Application No

PCT/GB2004/005351

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4586525	A	06-05-1986	CH 661189 A5	15-07-1987
			AT 393348 B	25-09-1991
			AT 284084 A	15-03-1991
			DE 3339163 A1	28-03-1985
			IT 1176669 B	18-08-1987
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			JP 55101207 A	01-08-1980
US 5878762	A	09-03-1999	DE 29812635 U1	15-10-1998
WO 03069169	A	21-08-2003	AU 2003245014 A1	04-09-2003
			EP 1481172 A1	01-12-2004
			WO 03069169 A1	21-08-2003

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